



Name: _____
Mr. Tiénou-Gustafson, Mr. Bielmeier
Geometry, Period _____
Due Date: Mon, 22 Sep 2014

HW 19 Quiz Review

**Geometry
Homework**

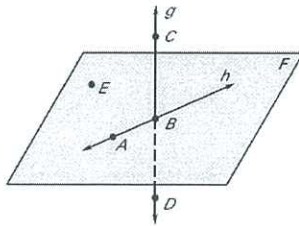
Form A

Failure to show work on all problems or use complete sentences will result in a LaSalle.

Do you know...

**Foundations of
Geometry?**

Score ___ / 4



1. Which points are coplanar?

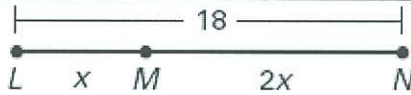
2. Give two names for line h .

3. Name two points that are not collinear. *not on same line*

4. True or False: Points A, B, and F are coplanar.
Explain!

Line Segments?

Score ___ / 2



5. Find x .

There it is!! JK

$$18 = x + 2x$$

6. Find MN.

**Distance and
Absolute Value?**

Score ___ / 4

On a number line, point A is located at -8, point B is located at -4, and point C is located at 12.

7. Draw a number line.



8. What is the length of AB?

9. How much longer is Segment AC than AB?

10. Which two points satisfy the equation $|x - 4| = 8$?

① $-4 \rightarrow |-4 - 4| = |-8| = 8$
②

splits GH in 2 equal parts. SO. $\overline{GM} = \overline{MH}$

Segment Bisector?

Point M is the midpoint of GH.

11. Find x.

Score ___ / 2



12. Find the length of GH.

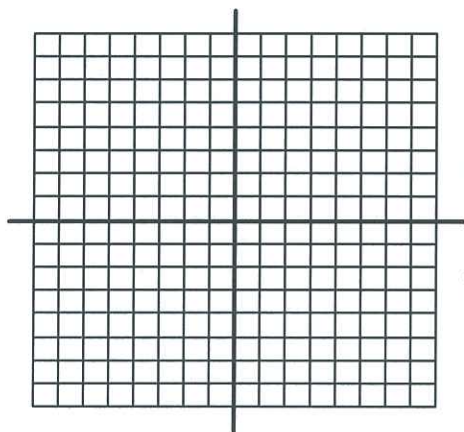
13) Graph the following equation:

$$y = 7x - 6$$

Slope: _____

Sketch:

Y-Intercept: _____



14) Carlos traveled from Chicago (3, 5) to Evanston (10, 19). At the same time, his sister, Alejandra, traveled from Skokie (11, 21) to Springfield (15, 29). Did the siblings' paths cross during their travels? *Justify your answer through numbers **and** words!* (Hint: You only need to look at the x values in coordinate points)

15) Yvette has 5 more nickels than dimes. If the value of her money is \$1.30, how many coins of each kind does she have?

16) If $y = -4x + 11$, and $3x + y = 9$, what is the value of y? $y = -4x + 11$ $y = -3x + 9$

REVIEW YOUR NOTES!!!

Define Your Pride. 